

ABSTRACT OF THE DISCLOSURE

A reverse link searcher to determine a signal path from multiple signal paths is shown. A reverse link searcher orders signal energies based on the strength of the
5 signal energies and creates candidate signal lists that are each associated with one antenna. Also, the reverse link searcher orders signal energies in a candidate signal lists and creates a path selection list based on the strength of the signal energies in the candidate signal lists. This technique allows comparison operations to be minimized to reduce the processing time for a signal path selection.

10